

ARIZONA DEPARTMENT OF WATER RESOURCES

Water Management Support Section

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ARIZONA WELL CONSTRUCTION ESTIMATES

1980 - 2007

WATER PRODUCTION AND MONITORING/PIEZOMETER WELL CONSTRUCTION

END USE	1980(1)	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Domestic (Private Household)	1250	1492	1542	1654	1824	1833	1725	1757	1521	1557	1176	944	1736	2050
Municipal (Public Supply)	10	20	27	32	45	48	33	24	12	25	45	25	19	48
Irrigation	230	310	236	89	105	112	86	103	43	104	82	61	100	101
Industrial/Commercial	24	38	23	35	26	45	28	42	42	35	13	30	196	174
Stock	16	26	45	48	47	37	47	38	30	89	49	35	43	58
Monitor/Piezometer/Environmental	46	51	113	144	225	104	354	623	722	940	1019	1338	1337	1559
Total number of Notice of Intent to Drill (NOID) forms received	1576	1937	1986	2002	2272	2179	2273	2587	2370	2750	2384	2433	3431	3990

END USE	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Domestic (Private Household)	2714	2735	2824	3765	3238	3724	3645	3122	3597	3513	3800	4517	3697	2347
Municipal (Public Supply)	64	66	79	88	55	81	99	83	102	90	121	136	152	82
Irrigation	125	113	120	137	84	85	150	106	119	139	129	131	198	152
Industrial/Commercial	189	130	262	185	98	156	152	115	80	90	92	118	101	82
Stock	70	75	84	84	68	67	84	75	101	105	123	131	185	187
Monitor/Piezometer/Environmental	1769	2801	2163	1755	1490	1712	1754	1427	1237	952	1075	1005	1046	905
Total number of Notice of Intent to Drill (NOID) forms received	4931	5720	5532	6014	5033	5825	5884	4928	5236	4889	5340	6038	5379	3755

ARIZONA WELL CONSTRUCTION ESTIMATES 1980 - 2007

WELL ABANDONMENT AND NON-WATER RELATED WELL CONSTRUCTION

END USE	1980(1)(2)	1981(2)	1982(2)	1983(2)	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Well Abandonment Total number of NOIA forms filed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	240
Mineral Exploration, Geotechnical, Cathodic Protection, Grounding & Heat Pump NOIDs filed	12	10	17	110	694	592	434	595	523	544	527	592	626	572

END USE	1994	1995	1996	1997	1998	1999	2000	2001	2002(3)	2003	2004	2005	2006	2007
Well Abandonment Total number of NOIA forms filed	306	528	588	600	670	865	754	706	655	597	640	928	1245	1200
Mineral Exploration, Geotechnical, Cathodic Protection, Grounding & Heat Pump NOIDs filed	618	663	825	890	1414	1755	1850	1527	343	258	307	267	424	391

NOTE: Figures are based solely on the filing of Notice of Intention to Drill (NOID) or Abandon (NOIA) forms or the filing of an Application for a Permit.

- (1) The figures reflected in 1980 represent an estimate based on six months of records. Those figures were doubled to arrive at an estimate for all of 1980.
- (2) Between 1980 and 1983, the Department of Water Resources and the drilling industry were working together to develop regulations pertaining to mineral exploration and non-water related wells. It is estimated that the figures listed for those years do not accurately portray actual drilling activity due to the confusion over the regulatory process of filing Notice of Intention to Drill forms.
- (3) 2001 was the last year well data was maintained in and extracted from the Easytrieve system. Data for 2002 and thereafter was obtained from the WELLS55 Oracle database, which replaced Easytrieve.

N/A = Not Available